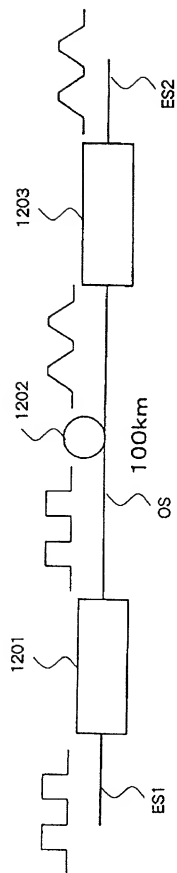


Fig.1

PRIOR ART



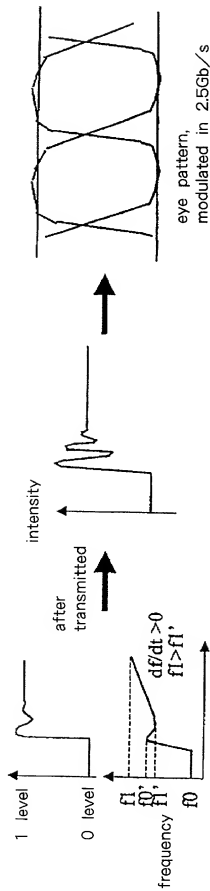
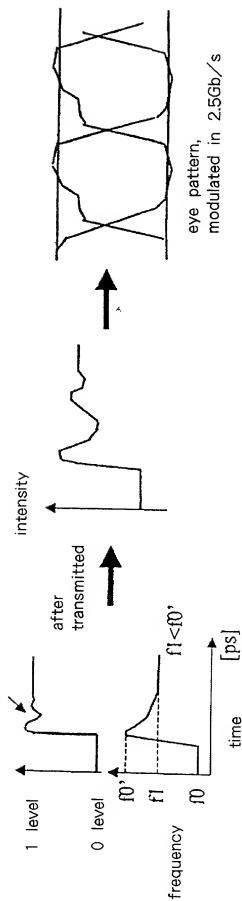


Fig.2 (b)



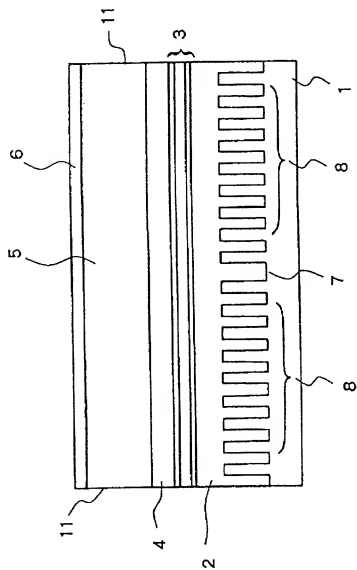


Fig.3 (a)

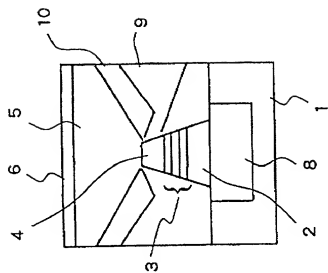
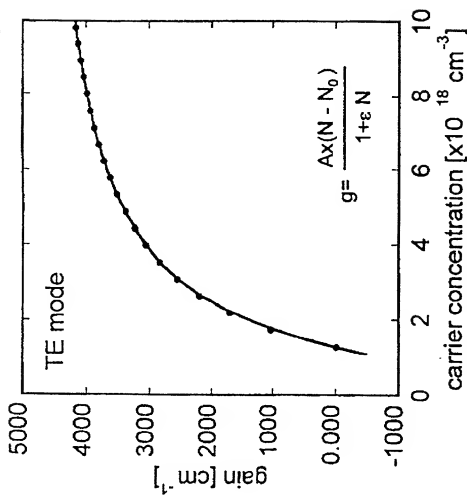


Fig.3 (b)

Fig.4



$$A = 1.1 \times 10^{-14} \text{ cm}^2$$

$$\epsilon = 2.2 \times 10^{-18} \text{ cm}^3$$

$$N_0 = 1.3 \times 10^{18} \text{ cm}^{-3}$$

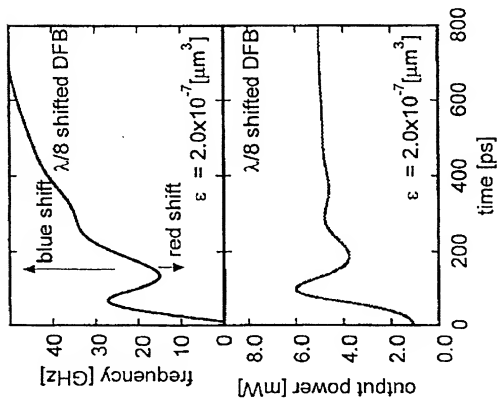


Fig.5 (a)

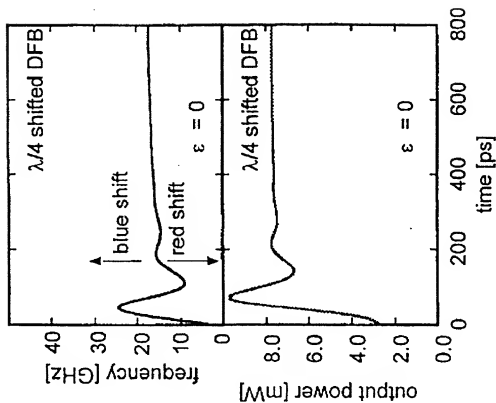


Fig.5 (b)

Fig.6 (a)

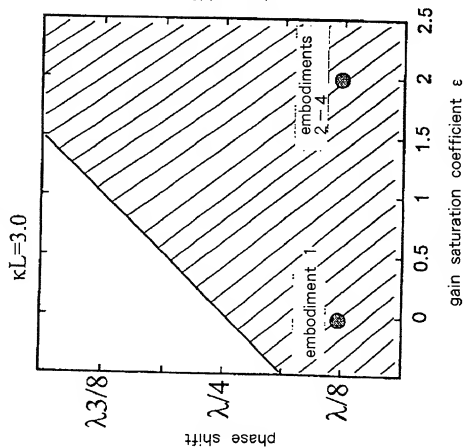


Fig.6 (b)

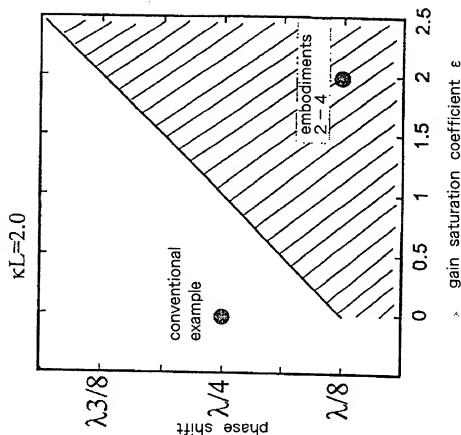


Fig.7

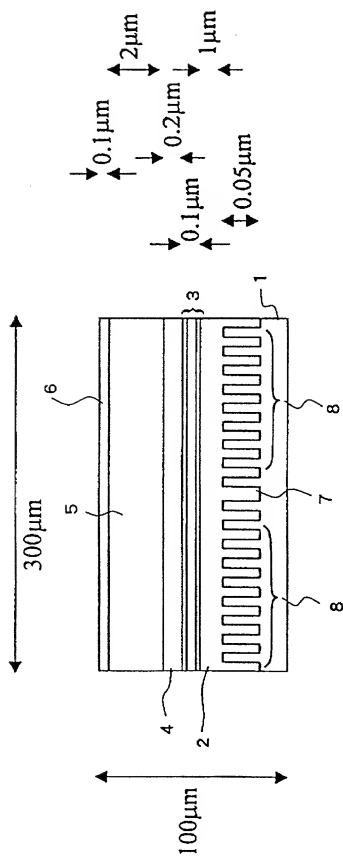


Fig.8

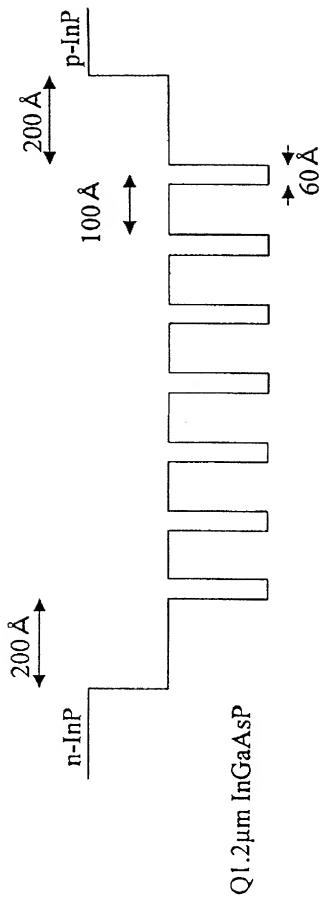






Fig. 9 (a)

10μm

1.5μm



0.1μm

Fig. 9 (b)



Fig. 9(c)



Fig. 9 (f)

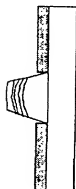


Fig. 9 (e)

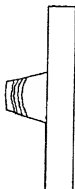


Fig. 9 (f)

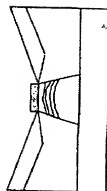


Fig. 9(h)

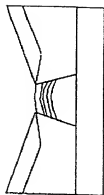


Fig. 9 (i)

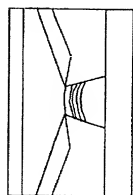


Fig. 9 (j)

Fig. 10

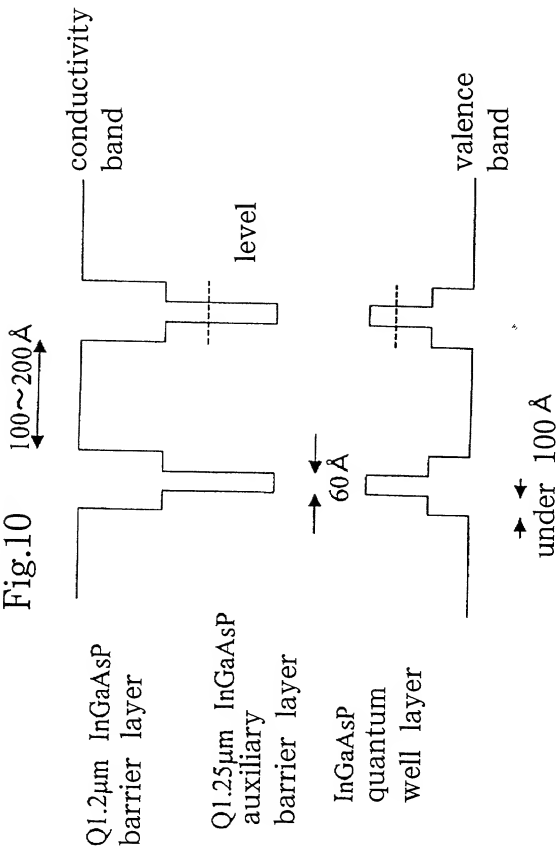


Fig.11

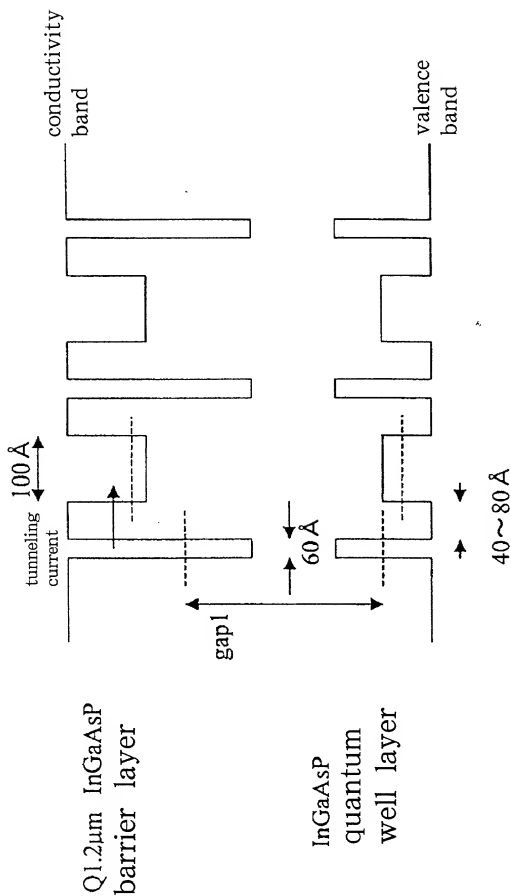


Fig.12

